EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	5	"2828862".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:34
L3	4	"3203208".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:16
L4	3	"3327856".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:16
L5	3	"3386796".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:16
L6	5	"3421835".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:16
L7	4	"3497452".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:17
L8	4	"3583567".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:17
L9	6	"3728074".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:17
L10	4	"3931011".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:17

L11	2	"3966602".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:17
L12	3	"4138337".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:17
L13	2	"4279704".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:17
L14	2	"4288329".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:17
L15	2	"4298465".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:17
L16	2	"4444625".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:18
L17	2	"4456529".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:18
L18	2	"4513590".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:18
L19	2	"4661612".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:18
L20	2	"4774346".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:18

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L21	2	"5047123".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:18
L22	2	"5069755".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:18
L23	2	"5219371".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:18
L24	2	"5225509".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:18
L25	2	"5236580".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:19
L26	2	"5238899".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:19
L27	2	"5245067".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:19
L28	2	"5288831".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:19
L29	2	"5348588".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:19
L30	2	"5520028".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:19

L31	2	"5738078".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:19
L32	2	"5860796".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:34
L33	2	"5948441".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:20
L34	2	"5997739".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:20
L35	2	"6042617".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:20
L36	2	"6042618".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:20
L37	2	"6056789".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:20
L38	2	"6059845".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:20
L39	2	"6063135".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:20
L40	2	"6086635".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:20

L41	2	"6203698".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:20
L42	3	"7000437".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:20
L47	1258	mani.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:32
L48	0	mani.in. and "20050407".prad.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:24
L49	939	"20050407".prad.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:24
L50	0	49 and mani	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:26
L51	39	"0071929"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:26
L52	2	"20050071929"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:32
L53	2	"20040255394"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:34
L54	2	"20040045096"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:33

L55	5	"20030196277"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:33
S3	8163	substrate same (nozzle or vent or spout or tube or pipe) and liquid and (discharg$3 or spray$3 or releas$3 and emit$3 or shoot$3 or sprinkl$3) and (suction$3 or suck$3 or absorb)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/30 15:45
S4	1836	(substrate or wafer or chip) same (nozzle or vent or spout or tube or pipe) and liquid and (discharg$3 or spray$3 or releas$3 and emit$3 or shoot$3 or sprinkl$3) and (suction$3 or suck$3 or absorb) same plate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/19 13:22
S5	1259	(substrate) same (nozzle or vent or spout or tube or pipe) and liquid and (discharg$3 or spray$3 or releas$3 and emit$3 or shoot$3 or sprinkl$3) and (suction$3 or suck$3 or absorb) same plate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/19 13:22
S7	938	S5 and (wash$3 or rins$3 or clean$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/19 13:26
S8	626	S7 and gas$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/19 13:25
S9	510	S8 and (clean$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/19 13:25
S10	6	S9 and 134/94.1,95.1,95.2,95.3,99.1,100.1,102.1,102.2,104.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/21 14:36
S11	1262	(substrate) same (nozzle or vent or spout or tube or pipe) and liquid and (discharg$3 or spray$3 or releas$3 and emit$3 or shoot$3 or sprinkl$3) and (suction$3 or suck$3 or absorb) same plate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/21 14:36

S12	940	S11 and (wash$3 or rins$3 or clean$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/21 14:36
S13	628	S12 and gas$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/21 14:36
S14	511	S13 and (clean$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/21 14:36
S15	1262	(substrate) same (nozzle or vent or spout or tube or pipe) and liquid and (discharg$3 or spray$3 or releas$3 and emit$3 or shoot$3 or sprinkl$3) and (suction$3 or suck$3 or absorb) same plate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/21 15:21
S16	940	S15 and (wash$3 or rins$3 or clean$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/21 15:21
S17	628	S16 and gas$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/21 15:21
S18	511	S17 and (clean$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/21 15:21
S19	1	S18 and 134/104.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/21 15:22
S20	3	S18 and 118/729	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/21 18:04

EAST Search History

S21	1	S18 and 118/730	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/21 18:04
S22	0	("(substrateandwafer)andclean$3andrins$3and(nozzleorventorspoutorpipe)andplateandmember").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/24 11:33
S23	1186	(substrate and wafer) and clean$3 and rins$3 and (nozzle or vent or spout or pipe)and plate and member	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/24 12:24
S24	1099	S23 and (machine or apparatus)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/24 12:25
S25	866	S24 and liquid and gas$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/24 12:26
S26	689	S25 and rotat$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/24 12:26
S27	618	S26 and dry$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/24 12:27
S28	188	S27 and @py<="2001"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 07:46
S29	14	"6190063"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/25 18:24
S30	1187	(substrate and wafer) and clean$3 and rins$3 and (nozzle or vent or spout or pipe)and plate and member	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 07:47

EAST Search History

S31	1100	S30 and (machine or apparatus)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 07:47
S32	867	S31 and liquid and gas$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 07:47
S33	690	S32 and rotat$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 07:47
S34	619	S33 and dry$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 07:47
S35	188	S34 and @py<="2001"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 07:47
S36	116	S35 and (rotat$3 near7 (upper or top or second))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 07:54
S37	50	S35 and (rotat$3 near3 (upper or top or second))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 07:54
S38	4	S35 and switch$3 near5 (liquid and gas$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/26 08:41
S41	1	("6863741").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/26 13:52
S42	1	("6581612").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/31 14:27
S43	1	("5785796").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/31 17:37

EAST Search History

S44	2	09/182955	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/31 17:38
S45	3718	(134/94.1,95.1,95.2,95.3,99.1,100. 1,102.1,102.2,104.1).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/30 09:37
S46	76	S45 and @ay>"2004"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/30 09:39
S47	1663	(118/729,730).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/30 09:39
S48	3	S47 and @ay>"2005"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/30 09:39
S49	1467	orii.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/30 09:39
S50	1	ORLL adj TAKEHIKO.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/30 09:39
S51	64	ORII adj TAKEHIKO.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/30 09:40
S52	1	TAKEHIKO ADJ ORII.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/30 09:40
S53	0	TAKEHIKO ADJ ORLL.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/30 09:40

S55	14	"253422"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/31 18:15